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AST C-220T

CLAIMS

1. A method for manufacturing a molded article comprising molding a recycled thermoplastic resin or a mixture of said recycled thermoplastic resin and virgin thermoplastic resin, said mixture containing said recycled thermoplastic resin in an amount of at least 1% by weight, by gas assist injection molding or expansion injection molding, wherein said recycled thermoplastic resin is recovered from a discarded thermoplastic resin molded article
2. A method for manufacturing a molded article made of recycled thermoplastic resin in accordance with claim 1, wherein said thermoplastic resin is styrenic resin
3. A method for manufacturing a molded article made of recycled thermoplastic resin in accordance with claim 1, wherein said thermoplastic resin is olefinic resin
4. A method for manufacturing a molded article made of recycled thermoplastic resin in accordance with claims 1 to 3, wherein said thermoplastic resin contains diene group rubber and /or olefinic rubber and/or acrylic rubber
5. A method for manufacturing a molded article made of recycled thermoplastic resin in accordance with claims 1 to 4, wherein a rubber like material having compatibility with said thermoplastic resin is added to said recycled thermoplastic resin or said mixture as a recycle aid agent in an amount of 1 to 5% by weight when said recycled thermoplastic resin or said mixture is injection-molded
6. A method for manufacturing a molded article made of recycled thermoplastic resin in accordance with claim 5, wherein said thermoplastic resin is styrenic resin and said rubber like material is a graft polymer in which diene group rubber and/or olefinic rubber and/or acrylic rubber is(are) a trunk and a polymer chain having compatibility with said styrenic resin is a grafted polymer chain
7. A method for manufacturing a molded article made of recycled thermoplastic resin in accordance with claim 5, wherein said thermoplastic resin is olefinic resin and said rubber like material is ethylene- α -olefin copolymer
8. A method for manufacturing a molded article made of recycled thermoplastic resin in accordance with claims 1 to 7, wherein paint or ink using thermoplastic resin having compatibility with said thermoplastic resin or thermosetting resin as a vehicle is applied to the surface of said molded article made of recycled thermoplastic resin

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9. A method for manufacturing a molded article made of recycled thermoplastic resin in accordance with claims 1 to 8, wherein sheeting made of thermoplastic resin having compatibility with said thermoplastic resin of said molded article is stuck on the surface of said mold using an adhesive made of thermoplastic resin having compatibility with said thermoplastic resin of said molded article or thermosetting resin
10. A method for manufacturing a molded article made of recycled thermoplastic resin in accordance with claims 1 to 9, wherein said molded article made of recycled thermoplastic resin consists of a main body and attachment(s) attached to said main body using an adhesive or a welding molding rod, and said adhesive being made of thermoplastic resin having compatibility with said thermoplastic resin of said molded article or thermosetting resin and said welding rod being made of thermoplastic resin having compatibility with said thermoplastic resin of said molded article